

# **PHENIX WEEKLY PLANNING**

2/15/2007

Don Lynch

# Remaining Schedule

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	Start	Complete
<b>Cosmic Ray Run (Run 6.9)</b>	<b>In Progress</b>	<b>In Progress</b>
<b>All Up Commissioning/ Cosmic Ray Run /</b>	<b>Started</b>	<b>3/1/07</b>
<b>RHIC Cooldown Begins (80 K, LHe delivered 2/13)</b>	<b>2/8/07</b>	<b>2/8/07</b>
<b>Start Flammable Gas in IR (DC/PC)</b>	<b>2/12/07</b>	<b>2/12/07</b>
<b>Start 5 man shifts</b>	<b>2/27/07</b>	<b>2/27/07</b>
<b>Beam in blue ring*</b>	<b>2/22/07</b>	<b>2/22/07</b>
<b>Beam in yellow ring</b>	<b>3/1/07</b>	<b>3/1/07</b>
<b>RHIC beam conditioning</b>	<b>3/7/07</b>	<b>3/7/07</b>
<b>Shutdown Concluded/Start of Physics Run</b>	<b>3/7/07</b>	<b>3/7/07</b>

\* Dates for beam based on CAD scheduling physicist as of 2/14

# Cosmic Ray Run

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## Cosmic Ray Run

- HBD HV tests (ongoing)
- After HBD tests, introduce flammable gas to IR
- MuID commissioning (ongoing)
- All up detectors/electronics shakedown (ongoing)
- New gas systems shakedown (ongoing)
- Muon magnets fringe field tests (this week)
- Cooling systems back up to full capacity (yesterday)
- Emergency electronics test (today)
- ESSH walk around (yesterday)



# Commissioning in Progress

## Detector Commissioning

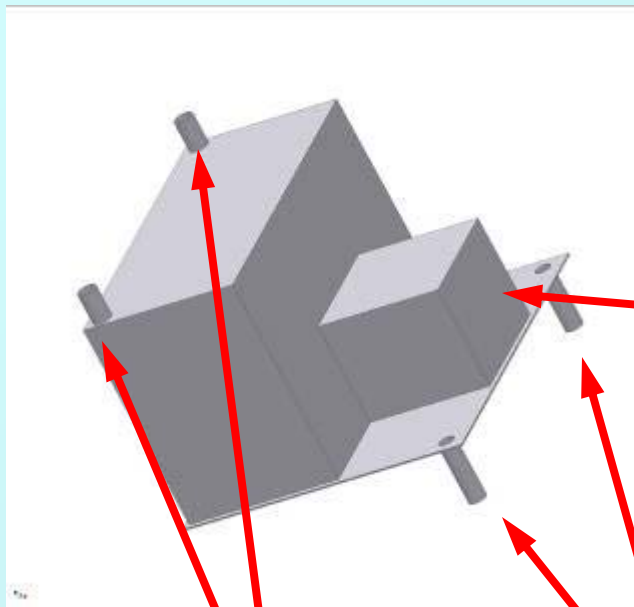


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# CM Lift Table Mod for DC East Repairs

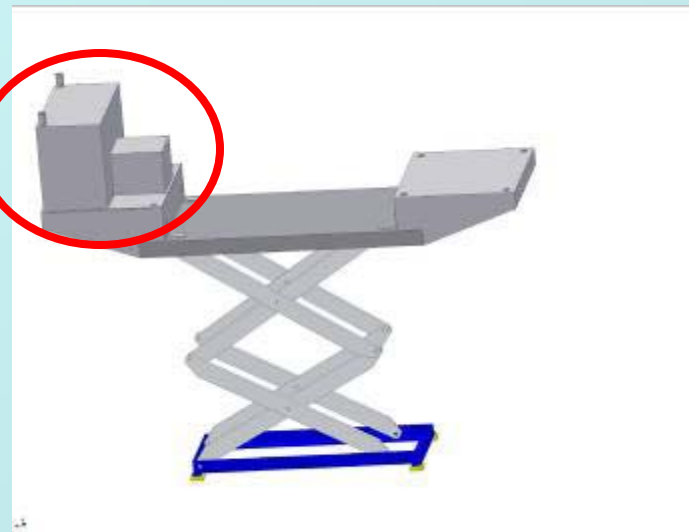
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20 inch height  
Aluminum ~ 70 lbs



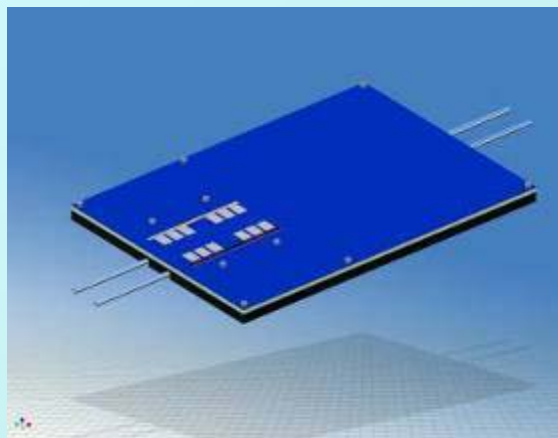
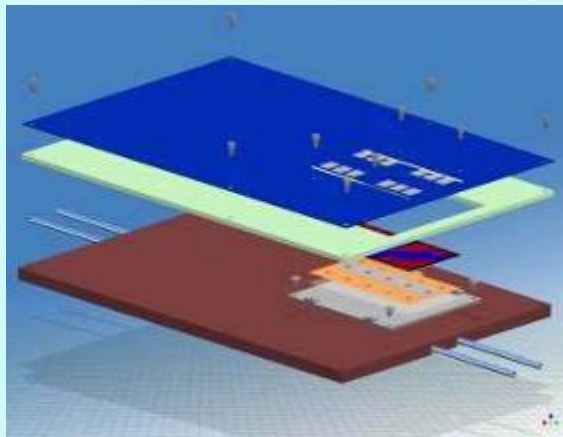
Holders for safety rail

Pins to align and secure to lift  
table wing extension



# VTX Prototype Test

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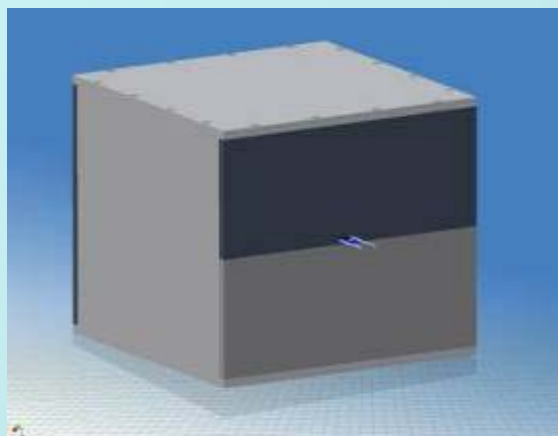
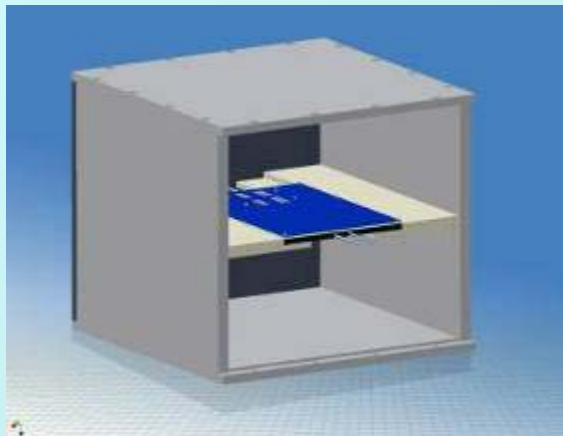


Drawings Done

Fabricate box at 1008  
(Carter B.)

Assemble

Test



# Procedures Review

2nd cut review of documents  $\frac{1}{2}$  done:

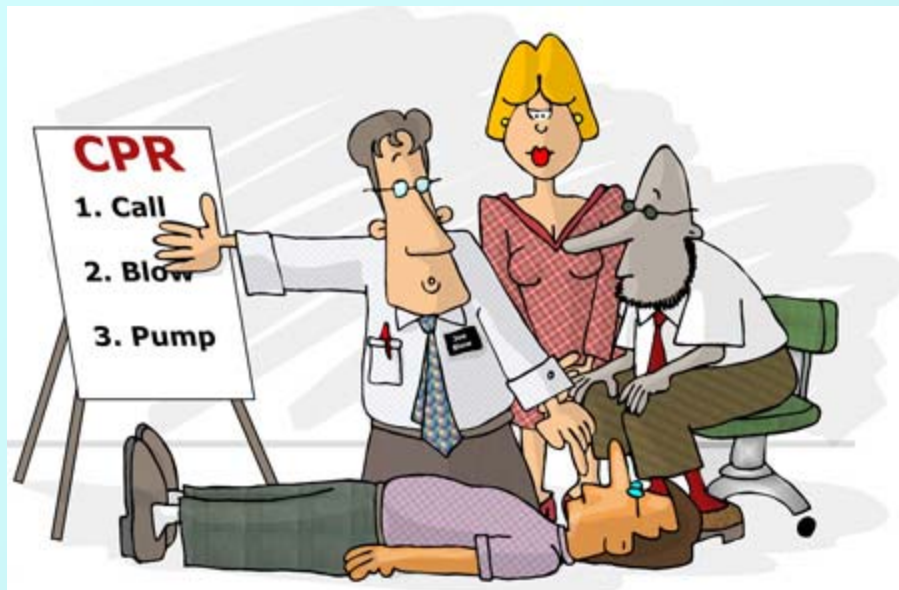
- 105 controlled procedures total (1<sup>st</sup> Cut)
- 69 controlled procedures, 1 CA OPM (2<sup>nd</sup> cut)
- 44 have at least photo copy of latest version
- 33 have approval signatures on latest
- 30 designated for retirement others, TBD

Don, Paul and Rob to process 25 procedures per week until done. 25 last week. 25 more this week

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# Safety



*All personnel who work on or near exposed live parts 50 Volts or higher now must be qualified in CPR and immediate first aid. The Electrical Safety Officer has requested that all workers meeting this description, but who are not currently qualified in CPR, attend a course within the next 30 days .*

We will look into having CPR/first aid training At 1008.  
Otherwise the following is the near future training schedule:

February 13, February 16, February 21, February 23, February 27,  
March 1, March 5, March 8, March 13, and March 15. All classes  
begin at 1:30 PM. Can register on-line at

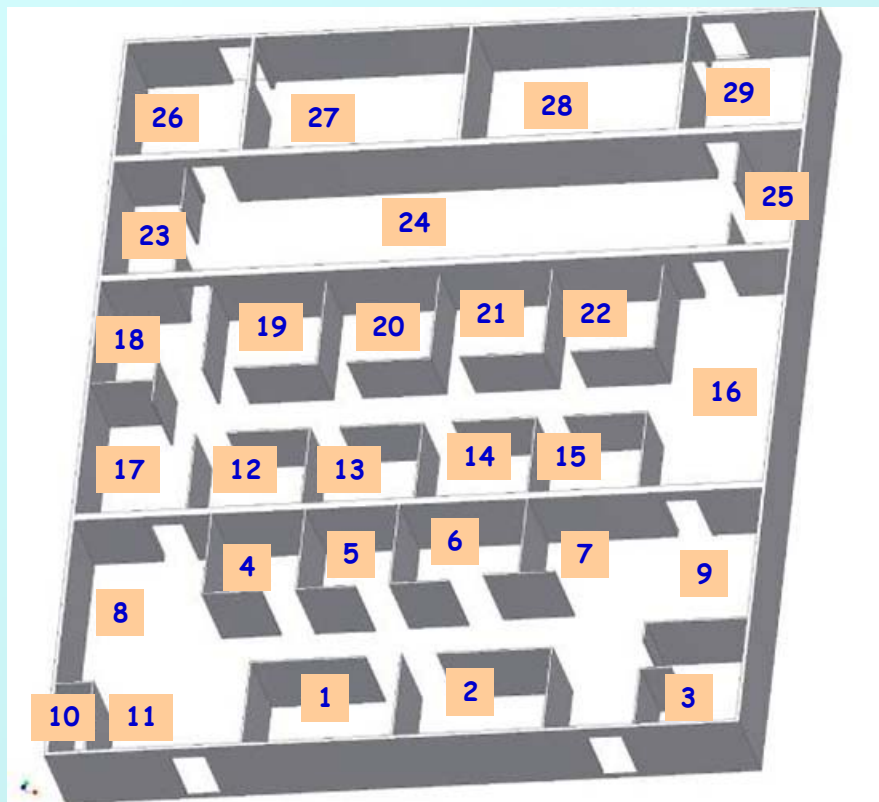
<http://training.bnl.gov/Schedule/calendar.htm>.



# Trailer Office Space Allocation

## Space Allocation

1. Safety Engr P. Giannotti (PG)
2. Run Coordinator/Chief Engr
3. Documents (PG)
4. Electrician: M. Rau
5. Mu Tracking
6. EMCal
7. HBD
8. Documents (PG)
9. Trailer Conference Area (PG)
10. Computer Network Cage (PG)
11. Printing & Fax (PG)
12. PC
13. Mu Tracking
14. TOF Aerogel
15. RICH
16. BBC
17. TEC
18. TOF West
19. DAQ /Trigger
20. DAQ
21. DC
22. EMCal
- 23.
24. Analysis Center (RC/PC)
25. MPC (M. Chiu)
26. Storage
27. Ladies' Bathroom (C-A)
28. Men's Bathroom (C-A)
29. Storage



Need: a contact person for each cubicle  
place to put unwanted computers, etc.  
place to put good equipment for later use

## Toilet was cleaned by Monday

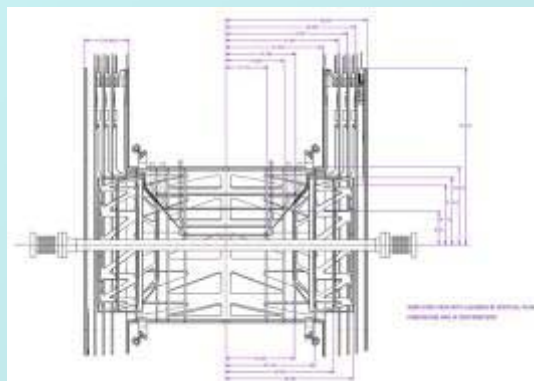
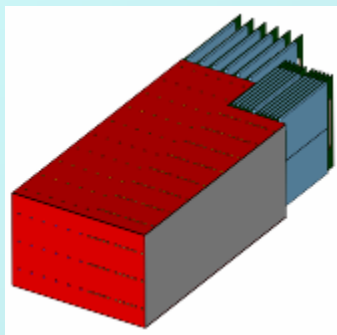
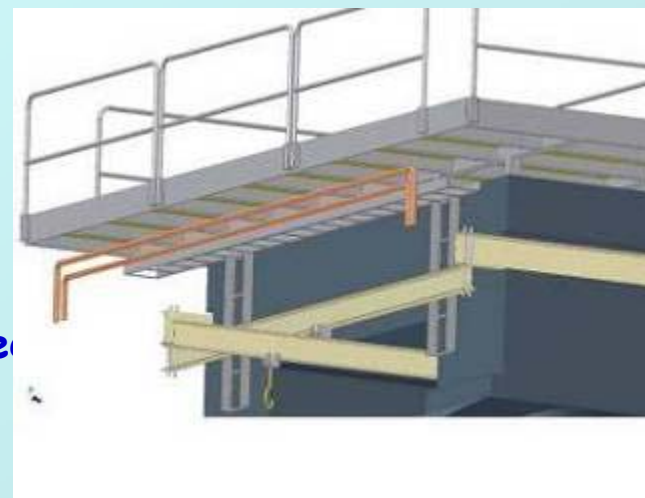
# This Week/Next Week

- HBD, TOF W, RXNP, MPC N electronics commissioning
- VTX prototype box
- PHENIX Procedure review continues
- CM Lift table wing hinges/extension?
- Trailer offices
- Cosmic Ray Run support
- Critical lift for MuID collars



## What's up for this year and beyond

- New CM Crane
- New Beam pipe design
- Muon RPC trigger design Review next week
- VTX/FVTX design Review next week
- NCC design - Review next week
- MuTr upgrade
- Infrastructure improvements
- Gas system documentation (summer student)



# Shutdown 2007

Get your requests in early  
for Run 7 tech work

Get your requests in early  
for shutdown 2007 work



# Where To Find PHENIX Technical Info



Links for the weekly planning meeting slides, long term planning, pictures, videos and other technical info can be found on the web site:

[http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL\\_SSint-page.htm](http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm)